CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-12/227e/Cube/2016-17 28.01.2017

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	:	**Asst. Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.
* Agency	:	**Technical Manager (West),** KRIDL, Bangalore.
* Name of the work	:	Improvements of CC roads to Ravindranagara 5th, 6th, 7th and 8th Cross in Ward No.13, Shettyhalli Sub Division, BBMP, Bangalore.
* Reference	:	AEE/SSD/PR/93/2016-17 Dated: 23.12.2016
* Sample ID	:	Road Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	28.01.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	31.12.2016	28.01.2017	8.126	475.5	21.13
2	31.12.2016	28.01.2017	8.228	490.3	21.79
3	31.12.2016	28.01.2017	8.317	512.3	22.77

*Information is furnished by the Customer/Representative.

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VIDYARANI P.K.
Technical Manager

AE-13
28/1

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್. ಆರ್. ರಸ್ತೆ ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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* Sample ID	:	Road Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	28.01.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	31.12.2016	28.01.2017	8.229	474.9	21.11
2	31.12.2016	28.01.2017	8.385	492.5	21.89
3	31.12.2016	28.01.2017	8.413	513.7	22.83

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Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	31.01.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.01.2017	31.01.2017	8.215	482.3	21.44
2	03.01.2017	31.01.2017	8.335	490.3	21.79
3	03.01.2017	31.01.2017	8.412	505.8	22.48

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Technical Manager

AG-13

31/1

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Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	31.01.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.01.2017	31.01.2017	8.138	480.3	21.35
2	03.01.2017	31.01.2017	8.229	516.3	22.95
3	03.01.2017	31.01.2017	8.338	528.9	23.51

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VIDYARANI P.K.
Technical Manager

31/1

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Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-12/227e/Cube/2016-17 02.02.2017

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

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* Agency	:	**Technical Manager (West),** KRIDL, Bangalore.
* Name of the work	:	Improvements of CC roads to Ravindranagara 5th, 6th, 7th and 8th Cross in Ward No.13, Shettyhalli Sub Division, BBMP, Bangalore.
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* Sample ID	:	Road Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	02.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.01.2017	02.02.2017	8.123	475.5	21.13
2	05.01.2017	02.02.2017	8.238	492.3	21.88
3	05.01.2017	02.02.2017	8.338	516.8	22.97

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Sample Received on	:	02.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.01.2017	02.02.2017	8.123	475.5	21.13
2	05.01.2017	02.02.2017	8.238	492.3	21.88
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